AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims

Claim 1 (Currently Amended) A recording apparatus comprising:

an imaging unit configured to image ~~means for imaging~~ an object and output ~~outputting~~ moving image data;

a memory configured to store ~~for storing~~ image data of one frame of the moving image data output from ~~said~~ the imaging unit ~~means~~;

a compressing unit configured to compress ~~means for compressing~~ information quantity of the moving image data output from ~~said~~ the imaging unit ~~means~~ and information quantity of the image data of one frame stored in the memory;

a recording unit configured to move a magnetic tape and record ~~means for recording~~ the moving image data output from ~~said~~ the compressing unit ~~means~~ and repeatedly record ~~recording~~ the image data of the same one frame output from ~~said~~ the compression unit ~~means~~ as still image data in a plurality of tracks formed on the magnetic tape, ~~a recording medium;~~ wherein the recording unit records the image data of one frame in an n number of tracks (n is an integer of 1 or more) on the magnetic tape in a first recording mode for recording moving image data and still image data each having a first information quantity per one frame and records the image data of one frame in an m number of tracks (m is an integer grater than n) on the magnetic tape in a second recording mode for recording moving image data and still image data each having a second information quantity larger than the first information quantity per one frame;

a recording mode setting unit configured to set a recording mode of the recording apparatus between the ~~means for setting~~ a first recording mode ~~for recording moving image data and still image data each having a first information quantity per unit time on a recording medium,~~ and a the second recording mode ~~for recording moving image data and still image data each having a second information quantity larger than the first information quantity per unit time on the recording medium~~;

an instruction unit configured to provide a still image recording instruction to record ~~means for instructing recording of~~ a still image; and

a control unit configured to control the ~~means for controlling said~~ recording means so as to start recording on the magnetic medium ~~recording medium~~ still image data of the same one frame in response to [[a]] the still image recording instruction provided ~~of the still image~~ by ~~said~~ the instruction unit ~~means~~ and to stop recording the still image data of the one frame a predetermined recording period after the recording was started,

wherein ~~said~~ the control unit ~~means~~ changes the predetermined recording period for recording the still image data ~~to a first predetermined period when~~ in accordance with the ~~first~~ recording mode [[is]] set by ~~said~~ the recording mode setting unit ~~means, and changes the predetermined recording period to a second predetermined period shorter than the first predetermined period when the second recording mode is set~~, and,

wherein the control unit changes the predetermined period for recording the still image data to a first predetermined period if the first recording mode is set by the recording mode setting unit, and changes the predetermined recording period to a second

predetermined period shorter than the first predetermined period if the second recording mode is set by the recording mode setting unit~~.~~

Claim 2 (Currently Amended): An apparatus according to claim 1, wherein the ~~said~~ control unit ~~means~~ controls the ~~said~~ recording unit ~~means~~ to record detection data for detecting the still image data recorded on the magnetic tape ~~recording medium~~ with the still image data in response to the still image recording instruction for a third predetermined period shorter than the first and second predetermined period ~~of the still image at a predetermined timing defined according to each of the first and second recording modes~~.

Claim 3 (Currently Amended): An apparatus according to claim 2, wherein if ~~when~~ the first recording mode is set by the ~~said~~ recording mode setting unit ~~means~~, ~~said~~ the control unit ~~means~~ controls the ~~said~~ recording unit ~~means~~ to record the detection data ~~by multiplexing the detection data on the image data~~ for [[a]] third predetermined period ~~shorter than, and~~ substantially positioned in the middle of the first predetermined ~~recording~~ period.

Claim 4 (Currently Amended): An apparatus according to claim 2, wherein if ~~when~~ the second recording mode is set by the recording mode setting unit, ~~said~~ the control unit ~~means~~ controls ~~said~~ the recording unit ~~means~~ to record the detection data for the third predetermined period ~~by multiplexing the detection data on the still image data~~ from [[a]] the head portion of the second recording period.

Claim 5 (Currently Amended): An apparatus according to claim 1, wherein ~~said~~ the recording unit ~~means~~ records ~~the image data of one frame in an n number of tracks (n is an integer of 1 or more) on the recording medium on the first recording mode, and~~ the image

data of one frame in an 2xn number of tracks (n is an integer of 1 or more) on the magnetic tape in ~~recording medium on~~ the second recording mode.

Claim 6 (Cancelled).

Claim 7 (Original): An apparatus according to claim 1, wherein the second recording mode is set according to SD specifications defined by HD Digital VCR Council, and the first recording mode is set according to SD High Compression Specifications defined by HD Digital VCR Council.

Claim 8 (Original): An apparatus according to claim 7, wherein the detection data is a photo picture ID (PPID) defined by HD Digital VCR Council.

Claim 9 (Currently Amended): A recording apparatus compressing information quantity of ~~input moving image data and~~ image data of one frame stored in a memory ~~in the input moving image data~~, recording the compressed image data of same one frame repeatedly as still image data in a plurality of tracks formed ~~and the compressed moving image data~~ on a magnetic tape moved ~~recording medium~~, and including a mode switch for setting a recording mode of the recording apparatus between a first recording mode for recording ~~moving image data and~~ still image data ~~each~~ having a first information quantity per one frame ~~unit time~~ on the magnetic tape ~~recording medium~~ and a second recording mode for recording ~~moving image data and~~ still image data ~~each~~ having a second information quantity larger than the first information quantity per one frame ~~unit time~~ on the magnetic tape ~~recording medium~~,

wherein the recording apparatus records the image data of one frame in an n number of tracks (n is an integer of 1 or more) on the magnetic tape in the first recording mode and

records the image data of one frame in an m number of tracks (m is an integer grater than n) in the second recording mode,

wherein ~~said~~ the recording apparatus starts recording on the magnetic tape ~~recording medium~~ still image data of the same one frame ~~with detection data for detecting the still image data recorded on the recording medium~~ in response to a still image recording instruction ~~of the still image data~~ and to stop recording the still image data of the same one frame a predetermined recording period after the recording was started,

wherein the ~~said~~ recording apparatus changes ~~changing~~ the predetermined recording period for recording the still image data in accordance with ~~to a first predetermined period when~~ the ~~first~~ recording mode ~~is~~ set by the ~~said~~ mode switch~~, and changing the predetermined period to a second predetermined period shorter than the first predetermined period, when the second recording mode is set by said mode~~ switch, and

wherein the recording apparatus changing the predetermined period for recording the still image data to a first predetermined period if the first recording mode is set by the mode switch, and changing the predetermined recording period to a second predetermined period shorter than the first predetermined period if the second recording mode is set by the mode switch.